

# Joshua D Landis

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

730  
citations

516710

16  
h-index

552781

26  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reductive weathering of black shale and release of barium during hydraulic fracturing. <i>Applied Geochemistry</i> , 2016, 65, 73-86.	3.0	79
2	Watershed-Scale Impacts from Surface Water Disposal of Oil and Gas Wastewater in Western Pennsylvania. <i>Environmental Science &amp; Technology</i> , 2017, 51, 8851-8860.	10.0	65
3	Trace and rare earth elemental investigation of a Sturtian cap carbonate, Pocatello, Idaho: Evidence for ocean redox conditions before and during carbonate deposition. <i>Precambrian Research</i> , 2012, 192-195, 89-106.	2.7	63
4	Geomorphic controls on groundwater arsenic distribution in the Mekong River Delta, Cambodia. <i>Geology</i> , 2008, 36, 891.	4.4	46
5	Tungsten Speciation and Solubility in Munitions-Impacted Soils. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1045-1053.	10.0	44
6	Origin and provenance of spherules and magnetic grains at the Younger Dryas boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3557-66.	7.1	43
7	Measurement of <sup>7</sup> Be in soils and sediments by gamma spectroscopy. <i>Chemical Geology</i> , 2012, 291, 175-185.	3.3	31
8	Effects of Historical and Modern Mining on Mercury Deposition in Southeastern Peru. <i>Environmental Science &amp; Technology</i> , 2013, 47, 12715-12720.	10.0	30
9	Radium attenuation and mobilization in stream sediments following oil and gas wastewater disposal in western Pennsylvania. <i>Applied Geochemistry</i> , 2018, 98, 393-403.	3.0	28
10	Rapid Dissolution of Soluble Uranyl Phases in Arid, Mine-Impacted Catchments near Church Rock, NM. <i>Environmental Science &amp; Technology</i> , 2008, 42, 3951-3957.	10.0	26
11	Holocene temperature history of northwest Greenland – With new ice cap constraints and chironomid assemblages from DeltasÅ. <i>Quaternary Science Reviews</i> , 2019, 215, 160-172.	3.0	26
12	Quantitative Retention of Atmospherically Deposited Elements by Native Vegetation Is Traced by the Fallout Radionuclides <sup>7</sup> Be and <sup>210</sup> Pb. <i>Environmental Science &amp; Technology</i> , 2014, 48, 12022-12030.	10.0	25
13	Surficial redistribution of fallout <sup>131</sup> iodine in a small temperate catchment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4064-4069.	7.1	19
14	Contrasting sensitivity of lake sediment n-alkanoic acids and n-alkanes to basin-scale vegetation and regional-scale precipitation δ <sup>2</sup> H in the Adirondack Mountains, NY (USA). <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 22-41.	3.9	19
15	Accuracy of methods for reporting inorganic element concentrations and radioactivity in oil and gas wastewaters from the Appalachian Basin, U.S. based on an inter-laboratory comparison. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 224-241.	3.5	18
16	Evidence for basin restriction during syn-collisional basin formation in the Silurian Arisaig Group, Nova Scotia. <i>Chemical Geology</i> , 2008, 256, 1-11.	3.3	17
17	Impact of flow regulation on near-channel floodplain sedimentation. <i>Geomorphology</i> , 2014, 205, 120-127.	2.6	17
18	Beryllium-7 and lead-210 chronometry of modern soil processes: The Linked Radionuclide Accumulation model, LRC. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 180, 109-125.	3.9	16

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19	Erosion and physical transport via overland flow of arsenic and lead bound to silt-sized particles. <i>Geomorphology</i> , 2011, 128, 85-91.	2.6	14
20	Determining lateral migration rates of meandering rivers using fallout radionuclides. <i>Geomorphology</i> , 2010, 123, 364-369.	2.6	11
21	A relict sulfate–methane transition zone in the mid-Devonian Marcellus Shale. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 182, 73-87.	3.9	11
22	Stable source of Holocene spring precipitation recorded in leaf wax hydrogen-isotope ratios from two New York lakes. <i>Quaternary Science Reviews</i> , 2020, 240, 106357.	3.0	11
23	Joint isotopic mass balance: a novel approach to quantifying channel bed to channel margins sediment transfer during storm events. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 1563-1573.	2.5	10
24	Rapid desorption of radium isotopes from black shale during hydraulic fracturing. 2. A model reconciling radium extraction with Marcellus wastewater production. <i>Chemical Geology</i> , 2018, 500, 194-206.	3.3	10
25	Rapid desorption of radium isotopes from black shale during hydraulic fracturing. 1. Source phases that control the release of Ra from Marcellus Shale. <i>Chemical Geology</i> , 2018, 496, 1-13.	3.3	9
26	Radium in hydraulic fracturing wastewater: distribution in suspended solids and implications to its treatment by sulfate co-precipitation. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 339-351.	3.5	8
27	Centennial-scale age offsets of plant wax n-alkanes in Adirondack lake sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 300, 119-136.	3.9	8
28	Late Holocene fluctuations of Quelccaya Ice Cap, Peru, registered by nearby lake sediments. <i>Journal of Quaternary Science</i> , 2015, 30, 830-840.	2.1	6
29	A Top-to-Bottom Luminescence-Based Chronology for the Post-LGM Regression of a Great Basin Pluvial Lake. <i>Quaternary</i> , 2020, 3, 11.	2.0	5
30	Sorption Behavior and Aerosol–Particulate Transitions of <sup>7</sup> Be, <sup>10</sup> Be, and <sup>210</sup> Pb: A Basis for Fallout Radionuclide Chronometry. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14957-14967.	10.0	5
31	Age, geochemistry, and significance of Devonian felsic magmatism in the North Slope subterranean, Yukon, Canadian Arctic. , 2019, , 593-618.		5
32	Aerosol Populations, Processes, and Ages in Bulk Deposition: Insights From a 9-Year Study of <sup>7</sup> Be, <sup>210</sup> Pb, Sulfate, and Major/Trace Elements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035612.	3.3	3
33	The importance of oxbow lakes in the floodplain storage of pollutants. <i>Geology</i> , 2022, 50, 392-396.	4.4	1